

FIG. 1

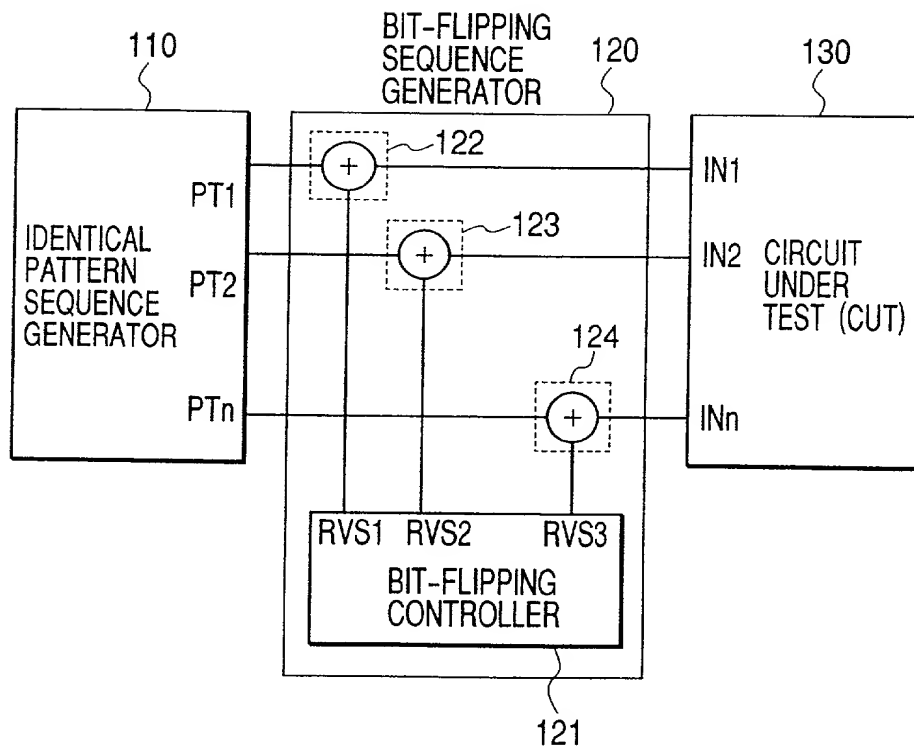


FIG. 2(a)

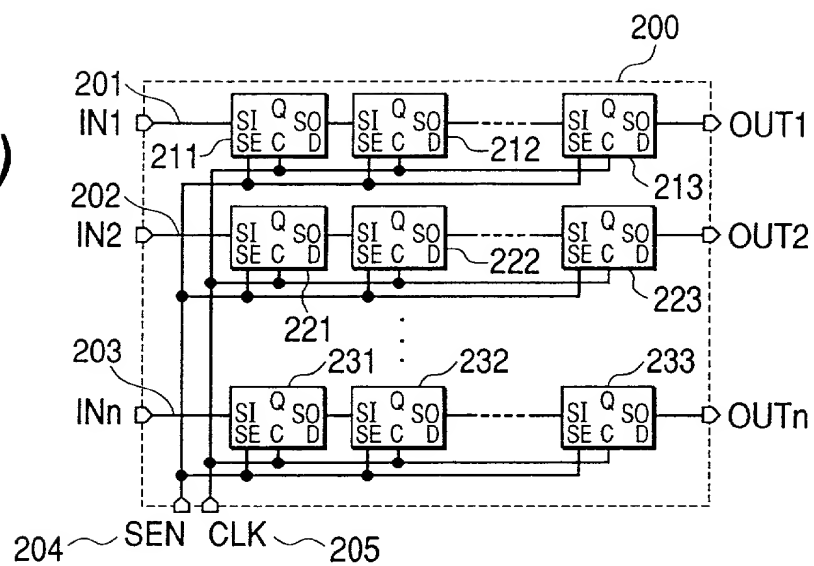


FIG. 2(b)

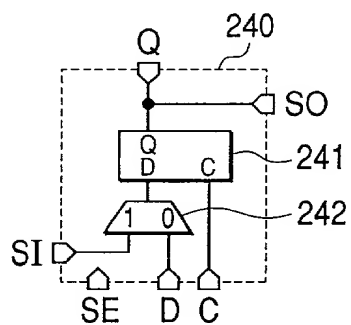


FIG. 2(c)

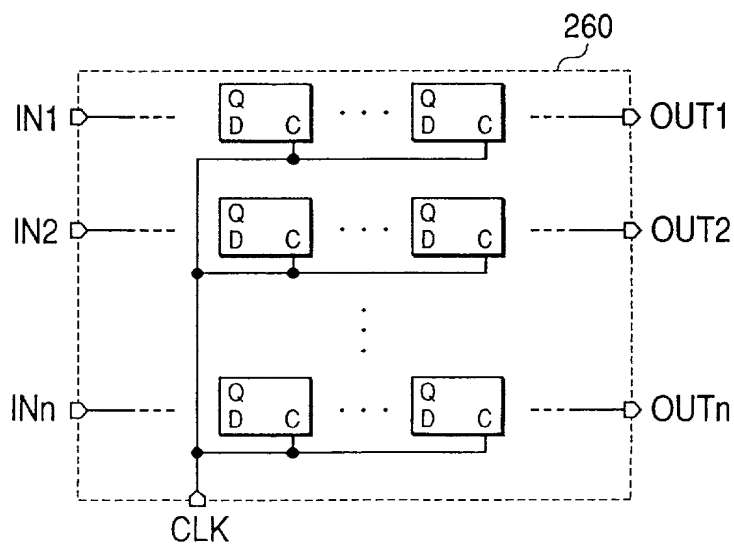


FIG. 3

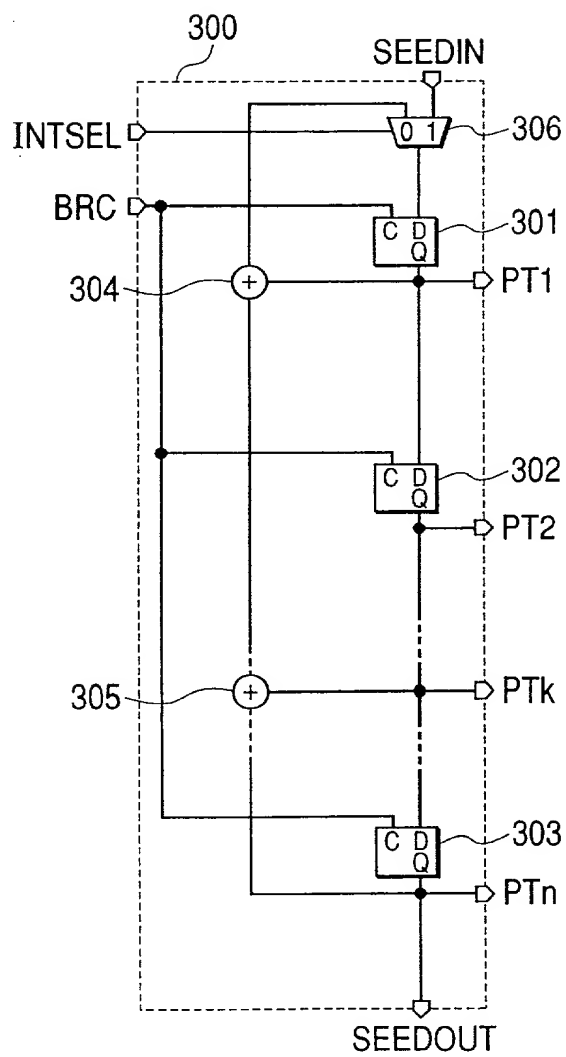


FIG. 4

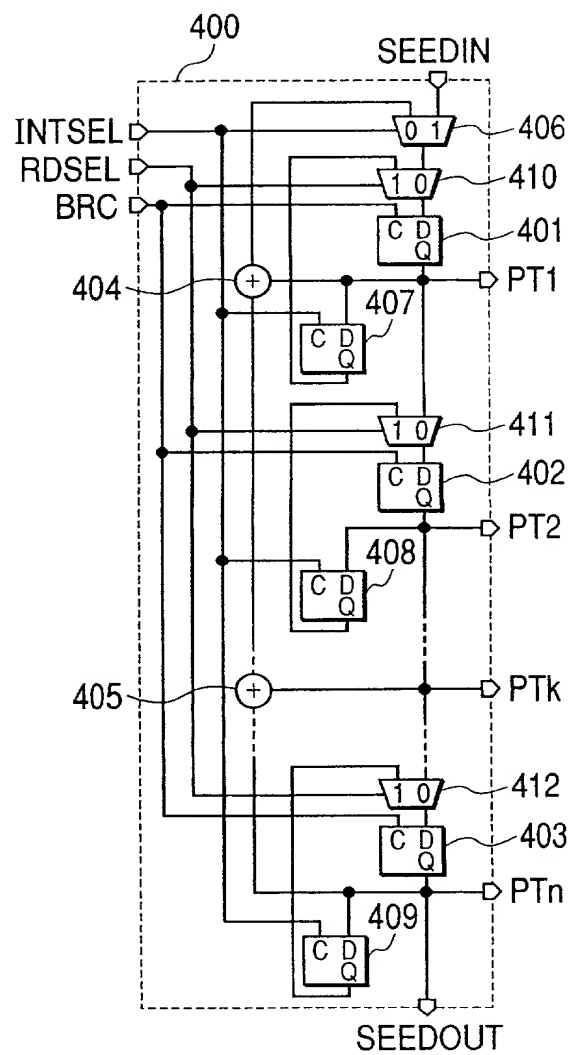


FIG. 5

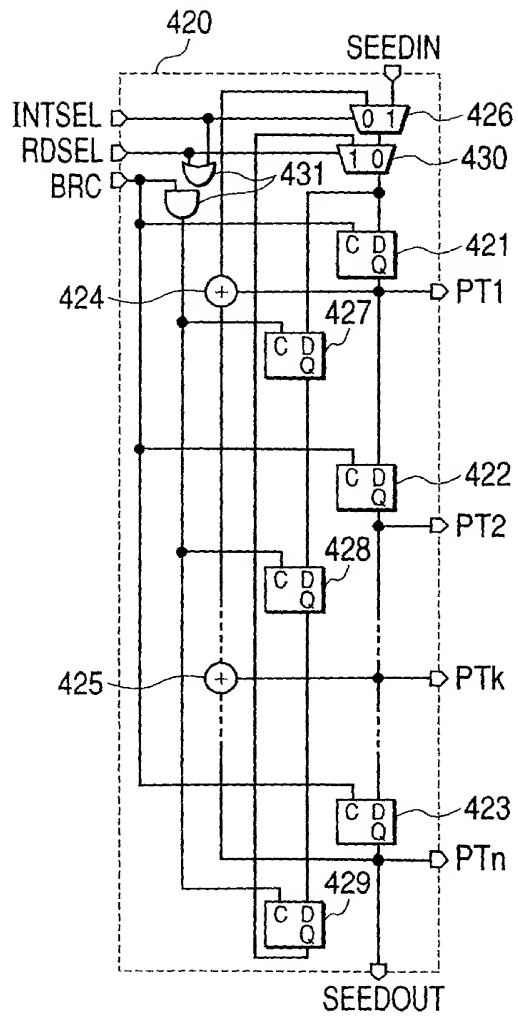


FIG. 6

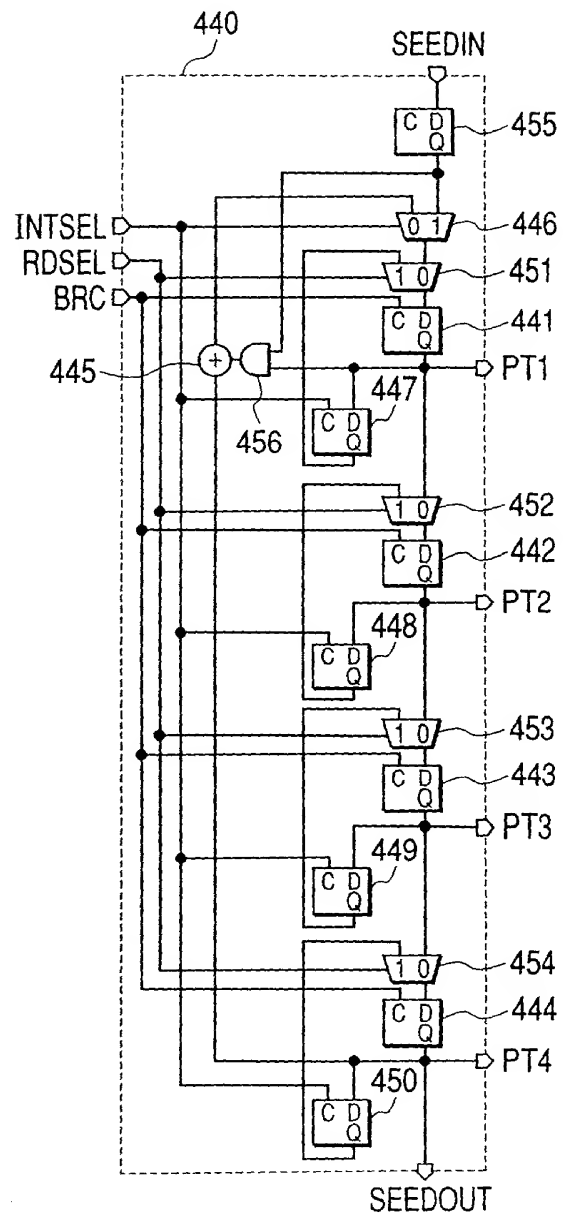


FIG. 7

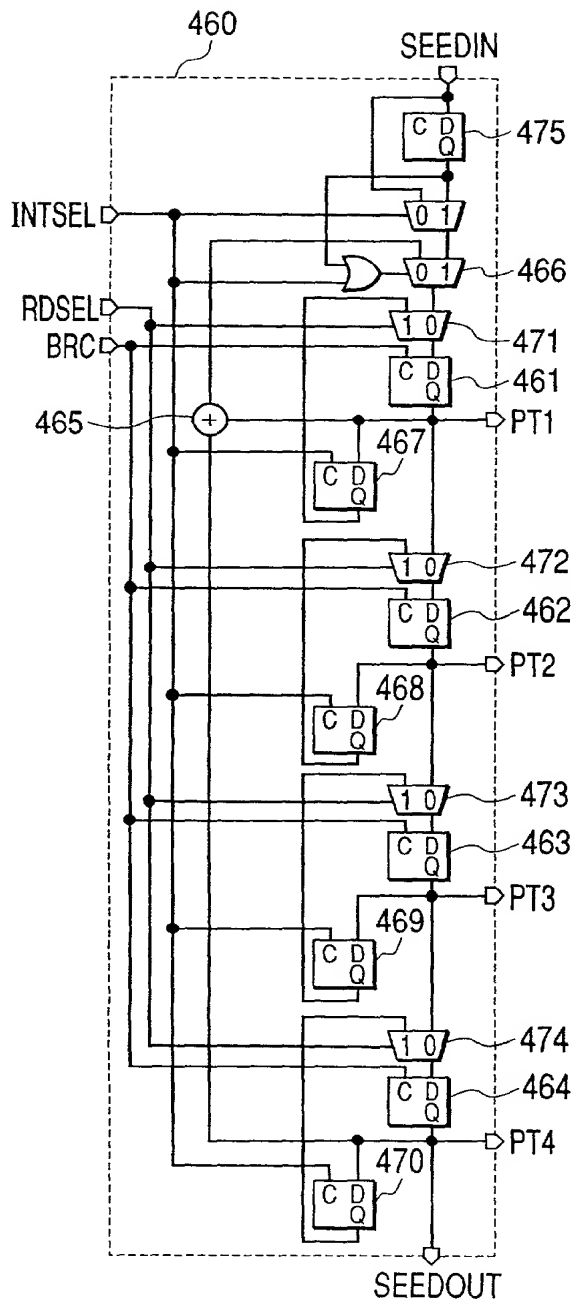


FIG. 8

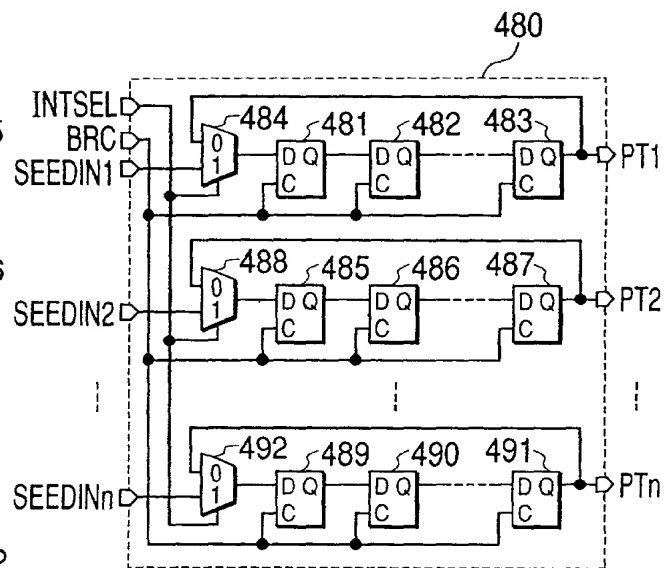


FIG. 9(a)

MODE	INTSEL	BRC	REGISTER
INITIALIZATION	1	└─┐↑	SHIFT
PATTERN GENERATION	0	└─┐↑	RANDOM

FIG. 9(b)

MODE	INTSEL	RDSEL	BRC	REGISTER	SEED BACKUP REGISTER
INITIALIZATION	1	0	└─┐↑	SHIFT	SEED COPY
PATTERN GENERATION	0	0	└─┐↑	RANDOM	HOLD
SEED RECOVERY	0	1	└─┐↑	RECOVERY	HOLD
SEED UPDATE	1	0	—	—	SEED COPY

FIG. 9(c)

MODE	INTSEL	RDSEL	BRC	REGISTER	SEED BACKUP REGISTER
INITIALIZATION	1	0	└─┐↑	SHIFT	SEED COPY
PATTERN GENERATION	0	0	└─┐↑	RANDOM	HOLD
SEED RECOVERY	—	1	└─┐↑	RECOVERY	HOLD

FIG. 10

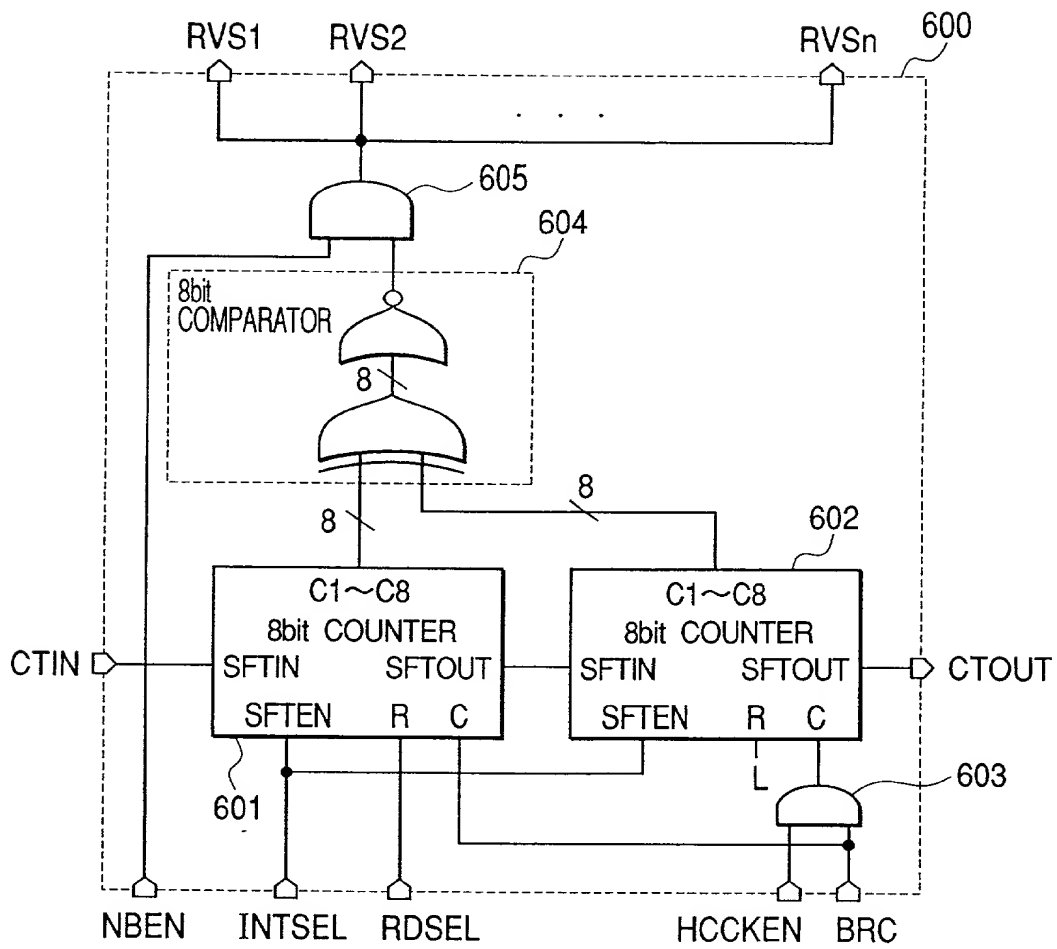


FIG. 11

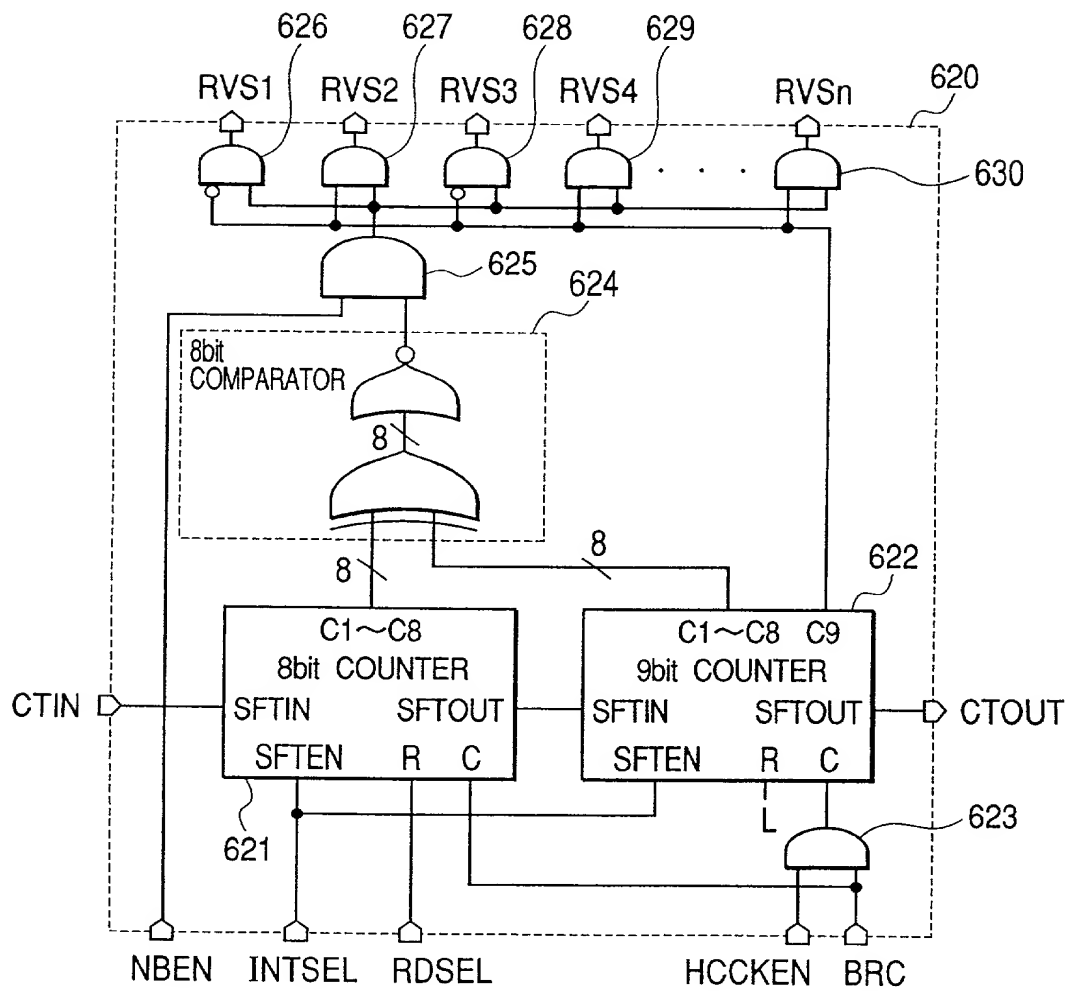


FIG. 12

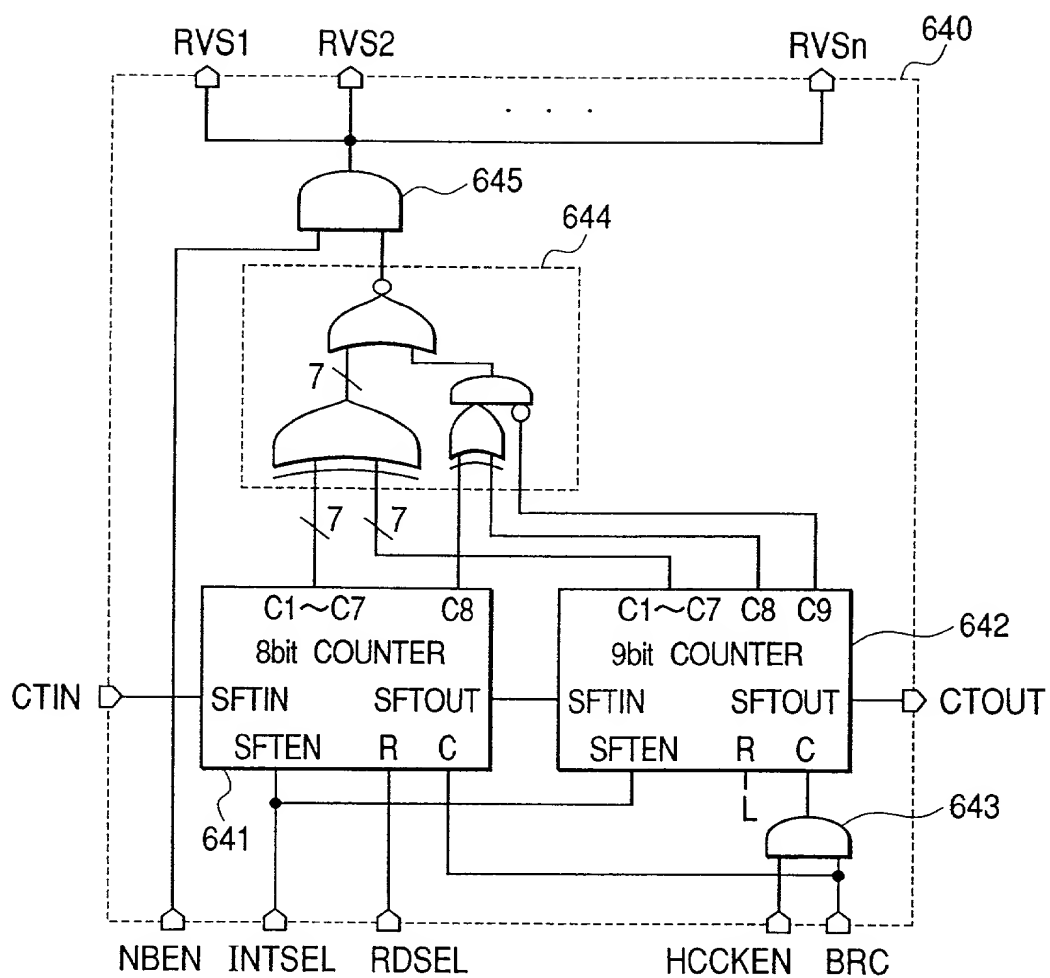


FIG. 13

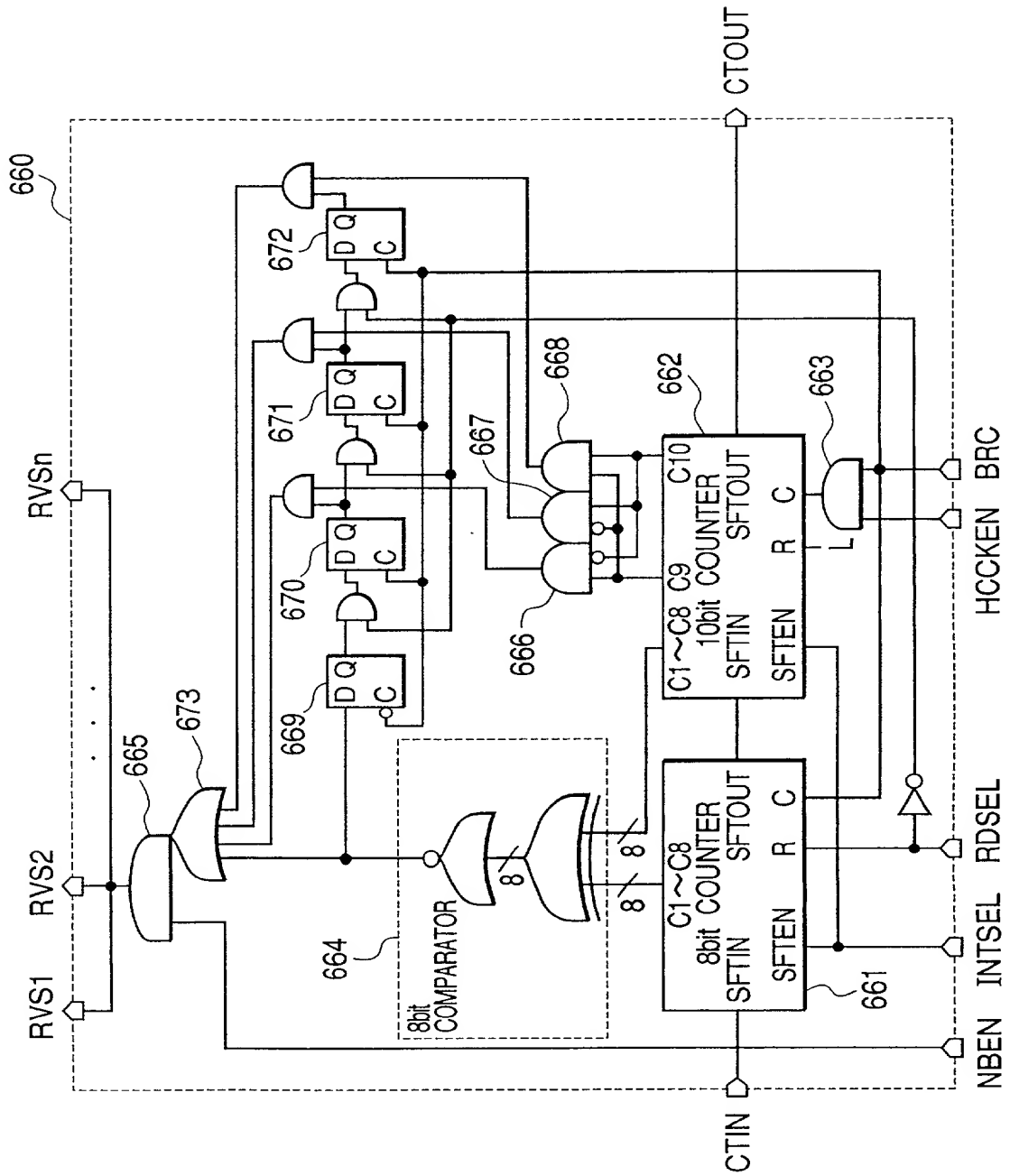


FIG. 14(a)

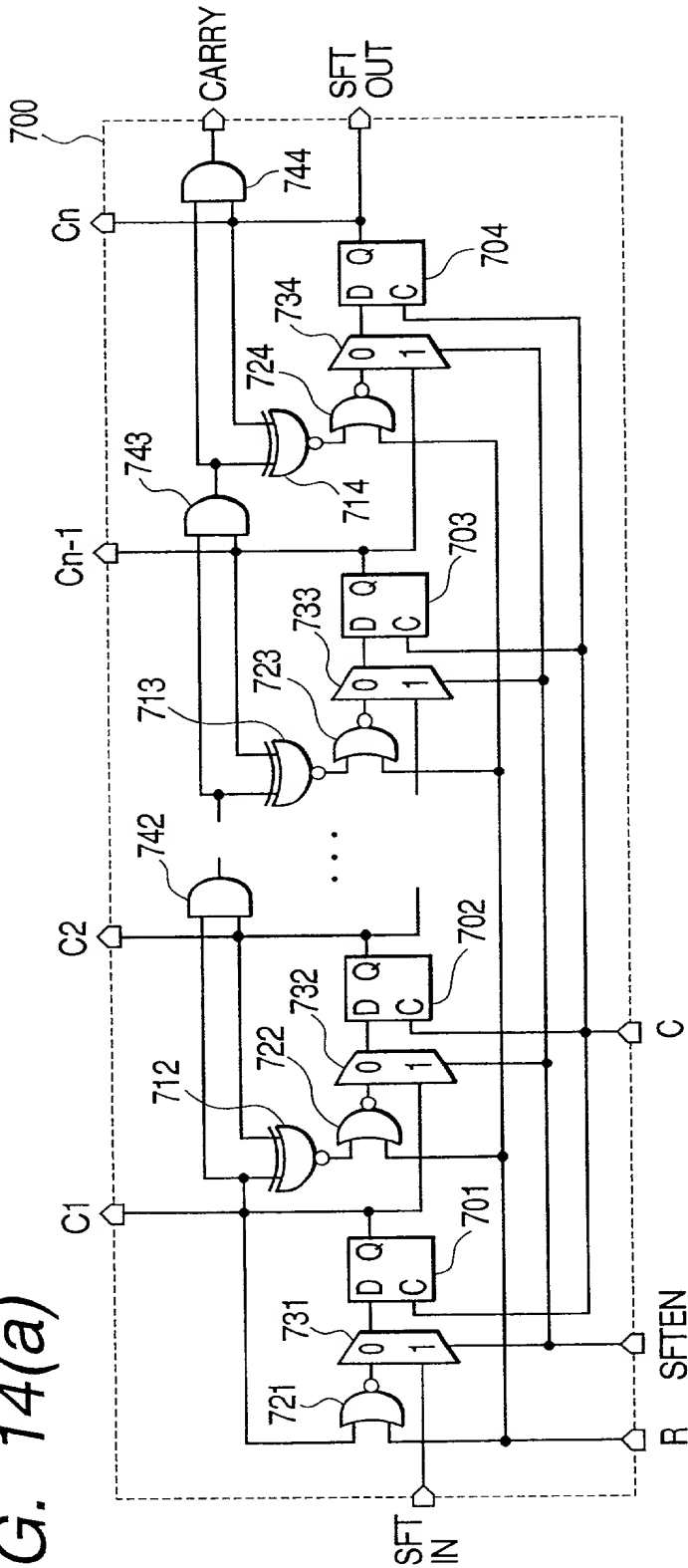


FIG. 14(b)

MODE	SFTEN	R	C
SHIFT	1	0	↑
RESET	0	1	↑
INCREMENT	0	0	↑

FIG. 15(a)

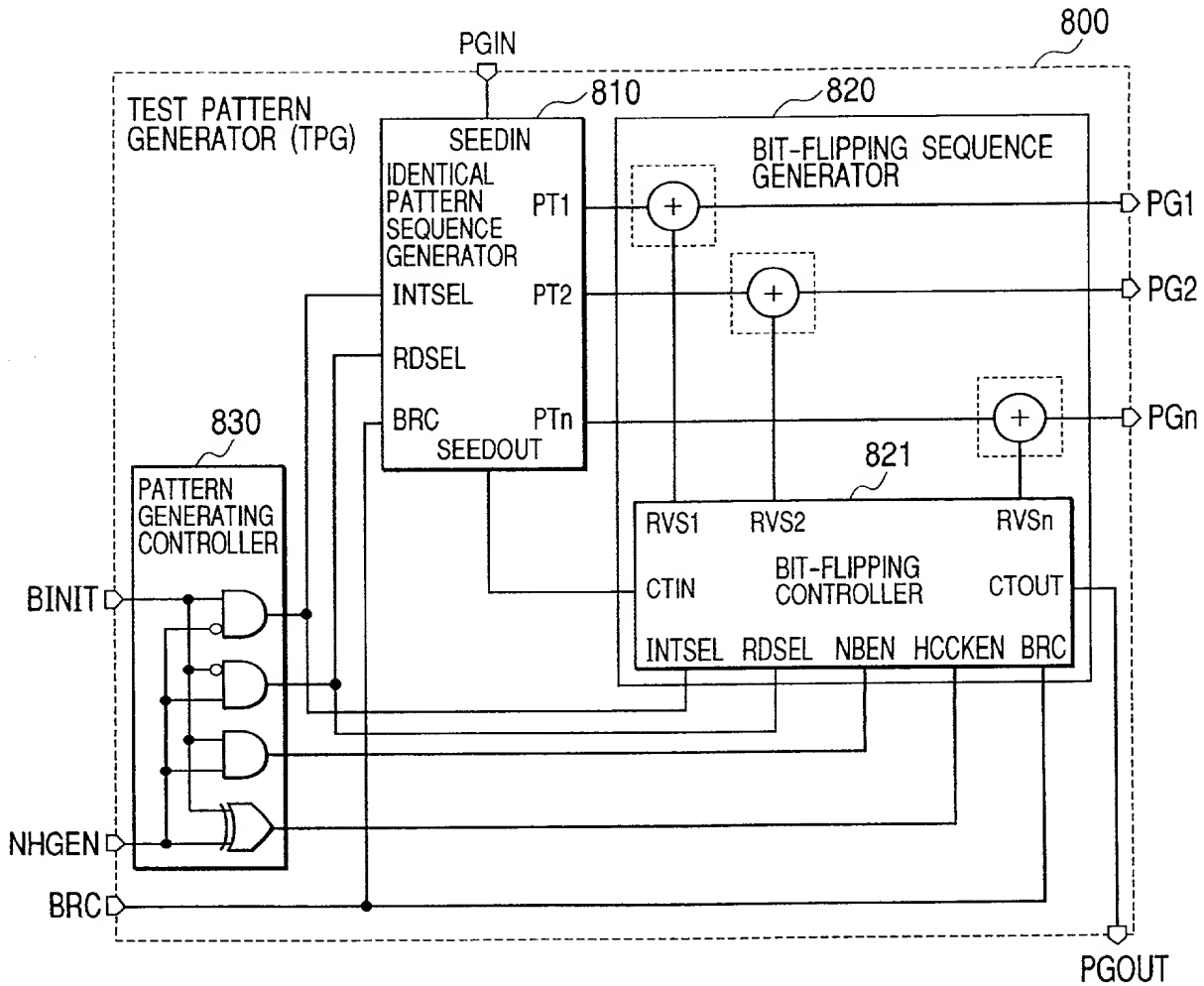


FIG. 15(b)

	MODE	BINIT	NHGEN	INTSEL	RDSEL	NBEN	HCCKEN
841	INITIALIZATION	1	0	1	0	0	1
842	PATTERN GENERATION	0	0	0	0	0	0
843	SEED RECOVERY	0	1	0	1	0	1
844	NEIGHBORHOOD PATTERN GENERATION	1	1	0	0	1	0

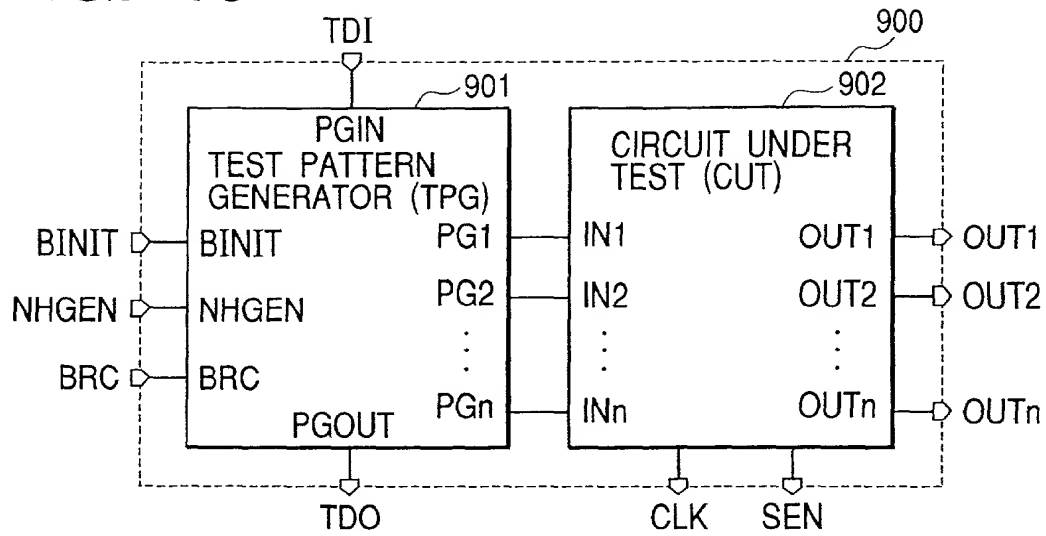
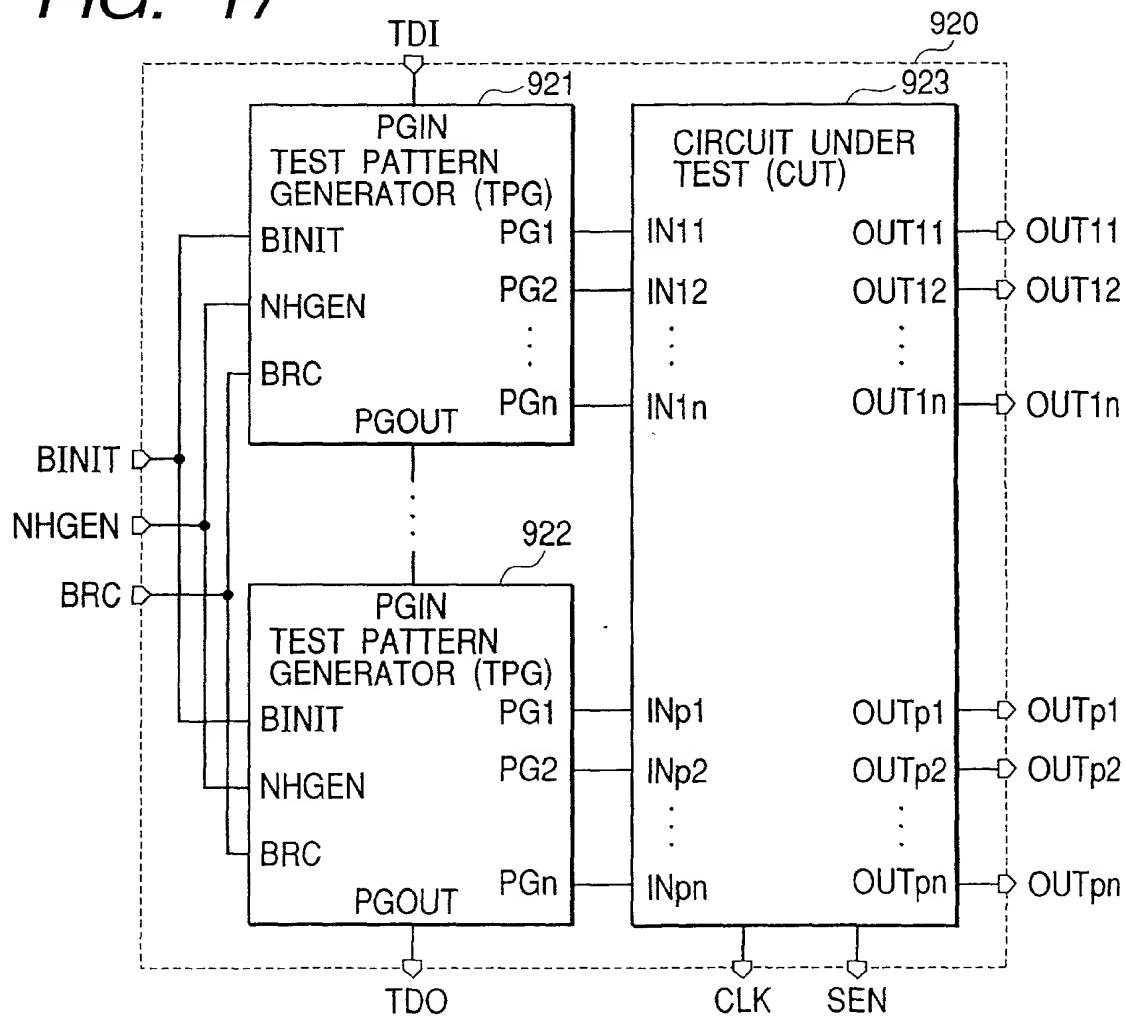
FIG. 16**FIG. 17**

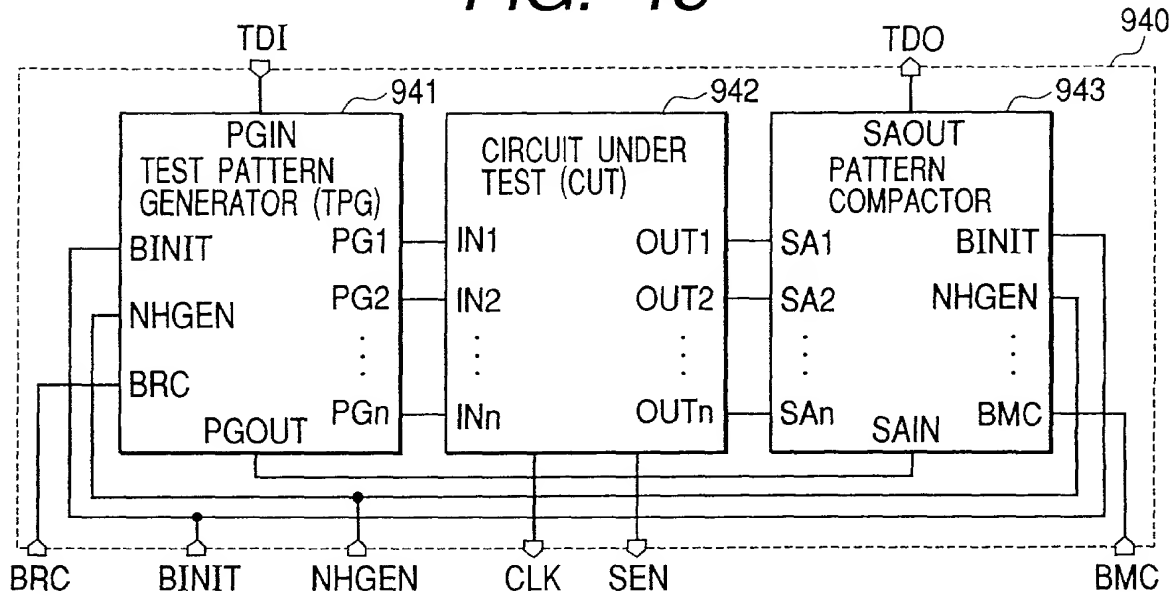
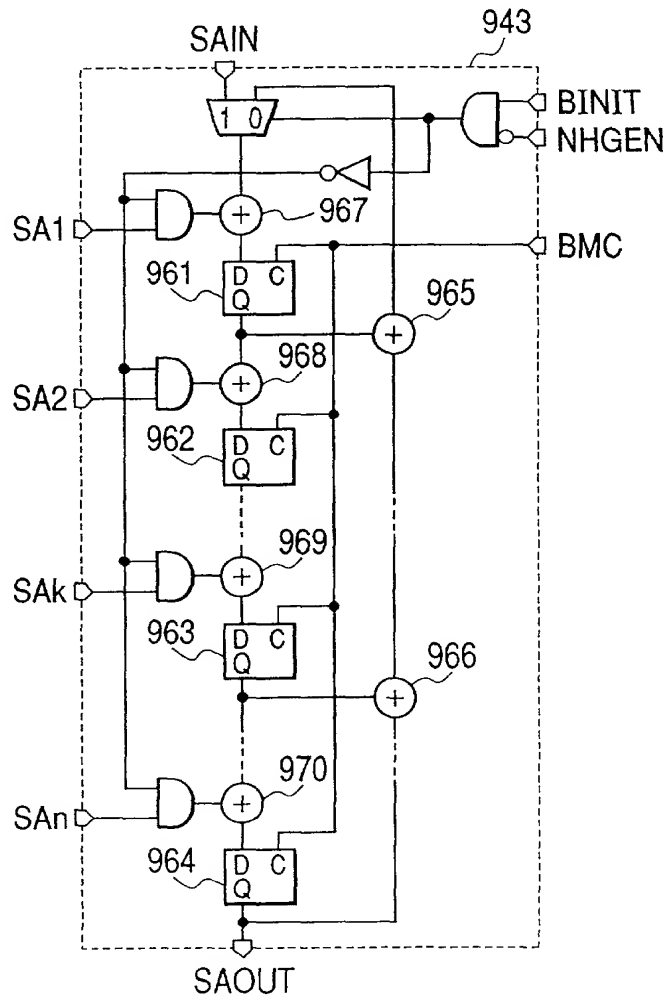
FIG. 18**FIG. 19**

FIG. 20

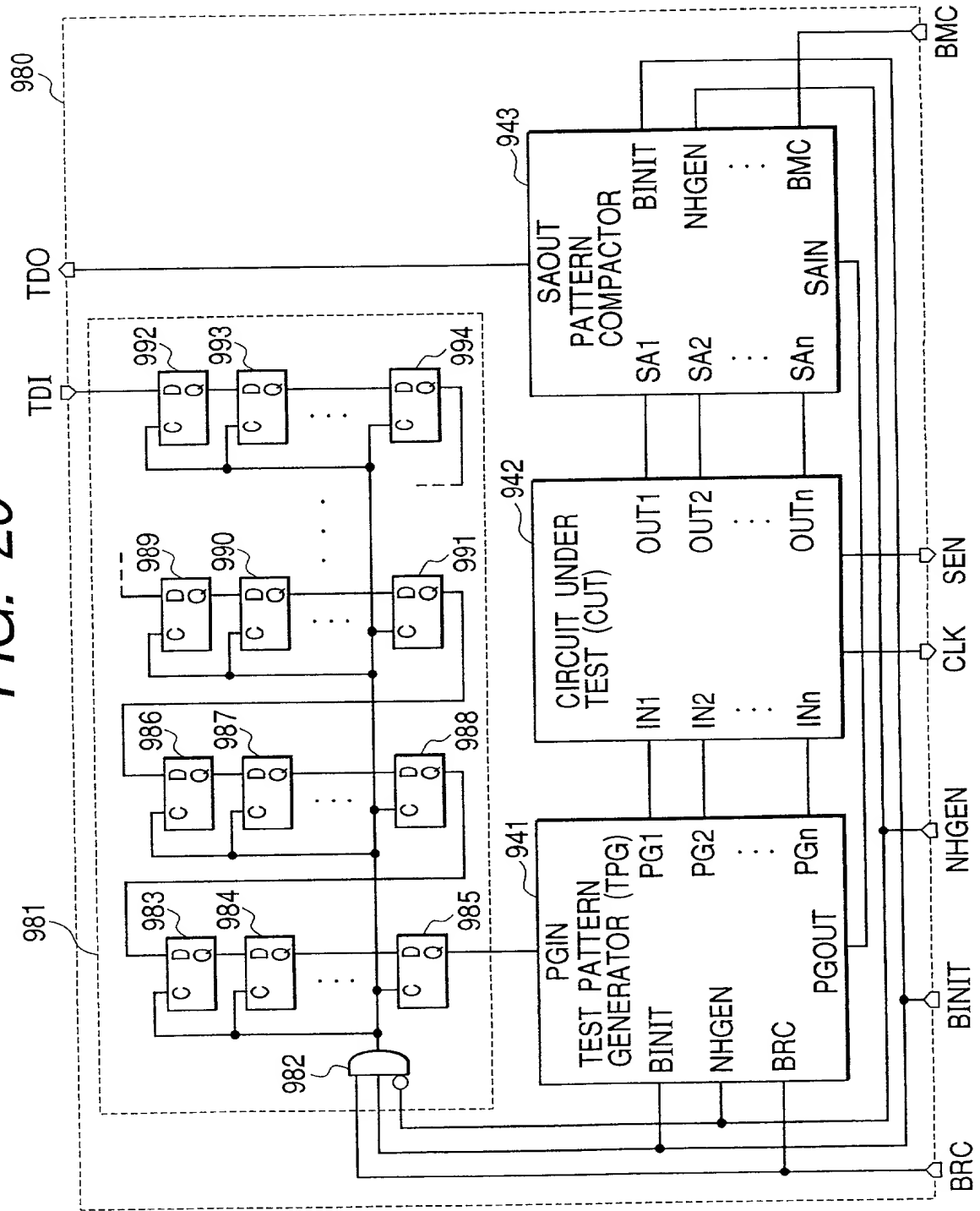


FIG. 21

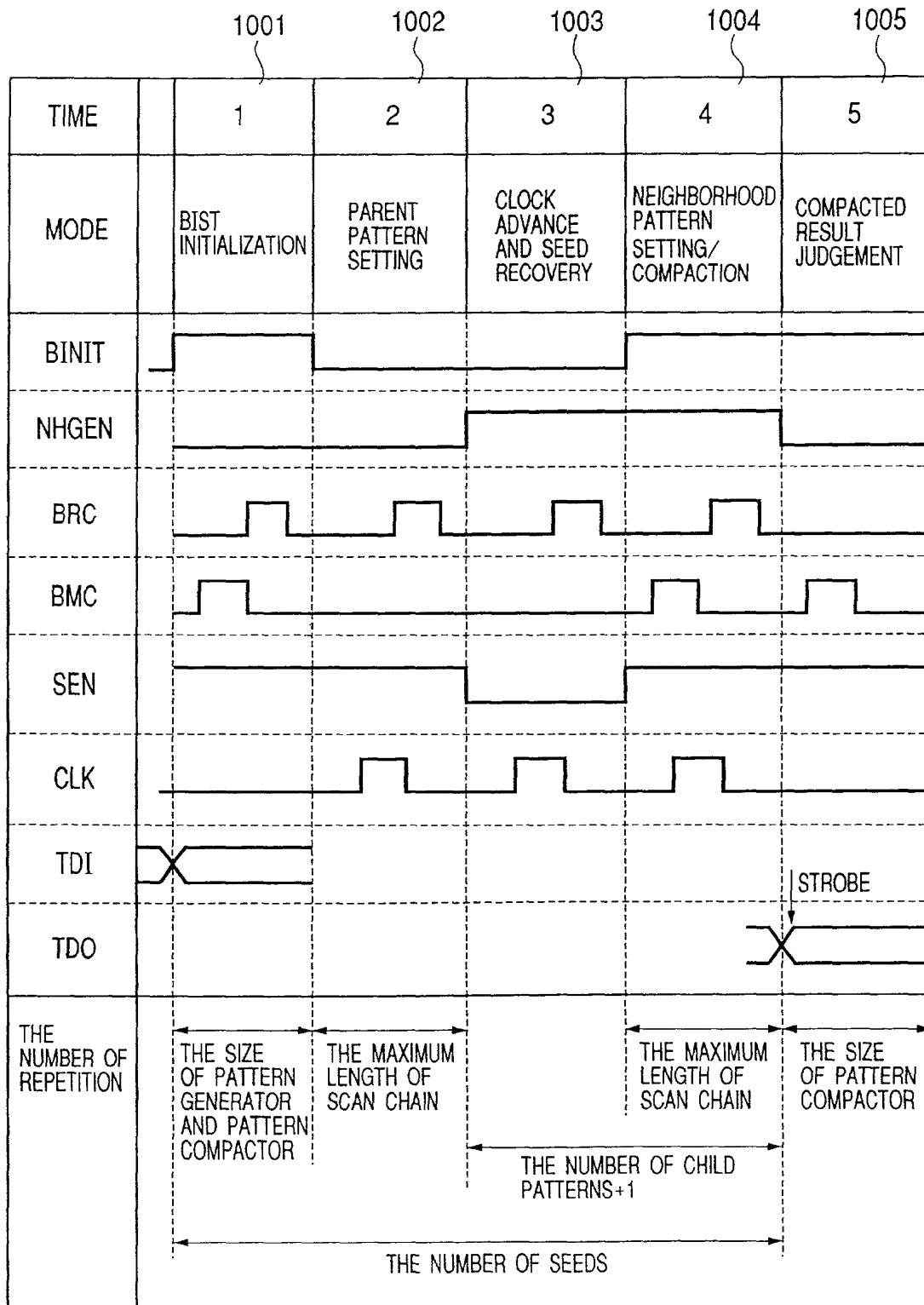
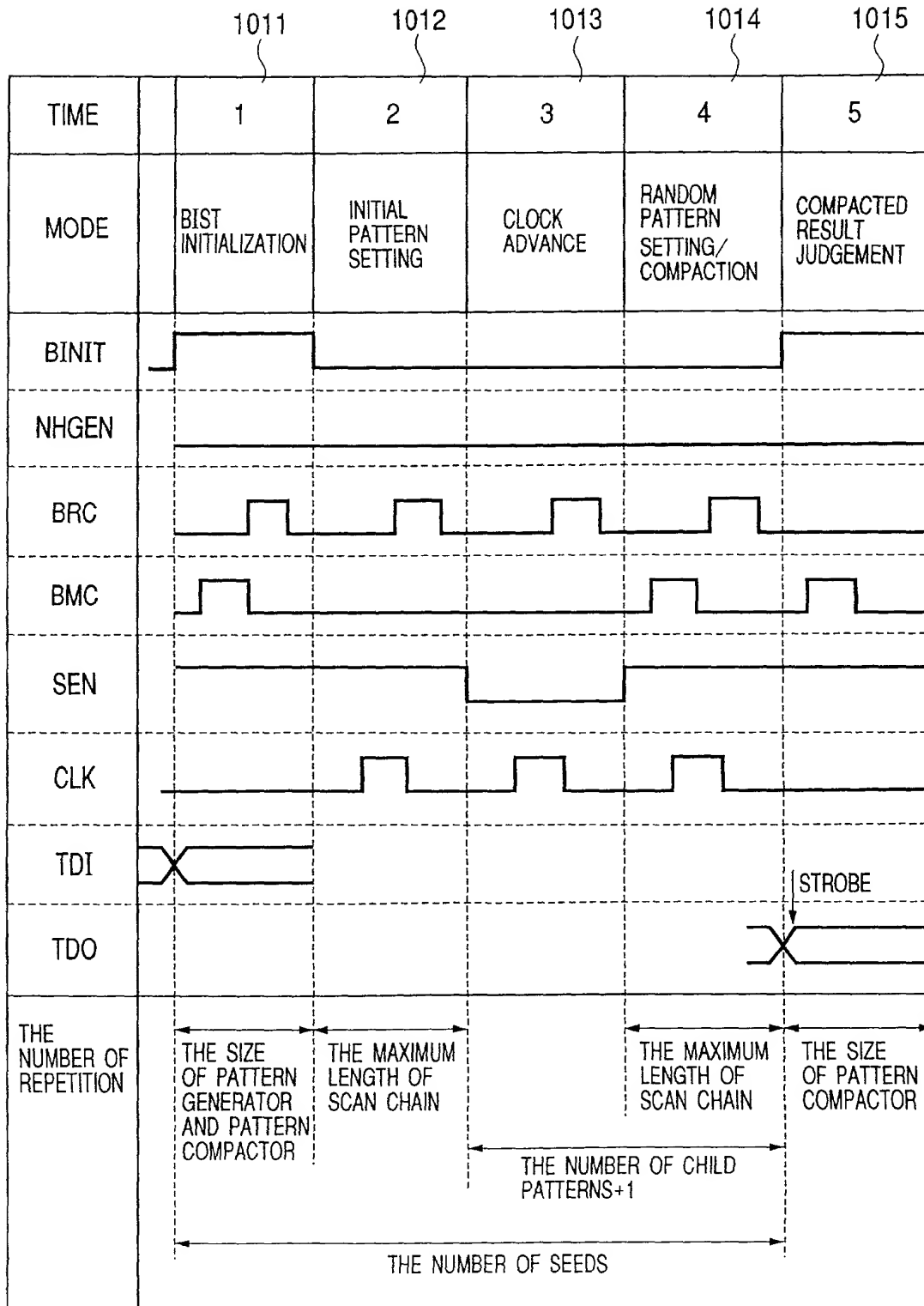


FIG. 22



1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032

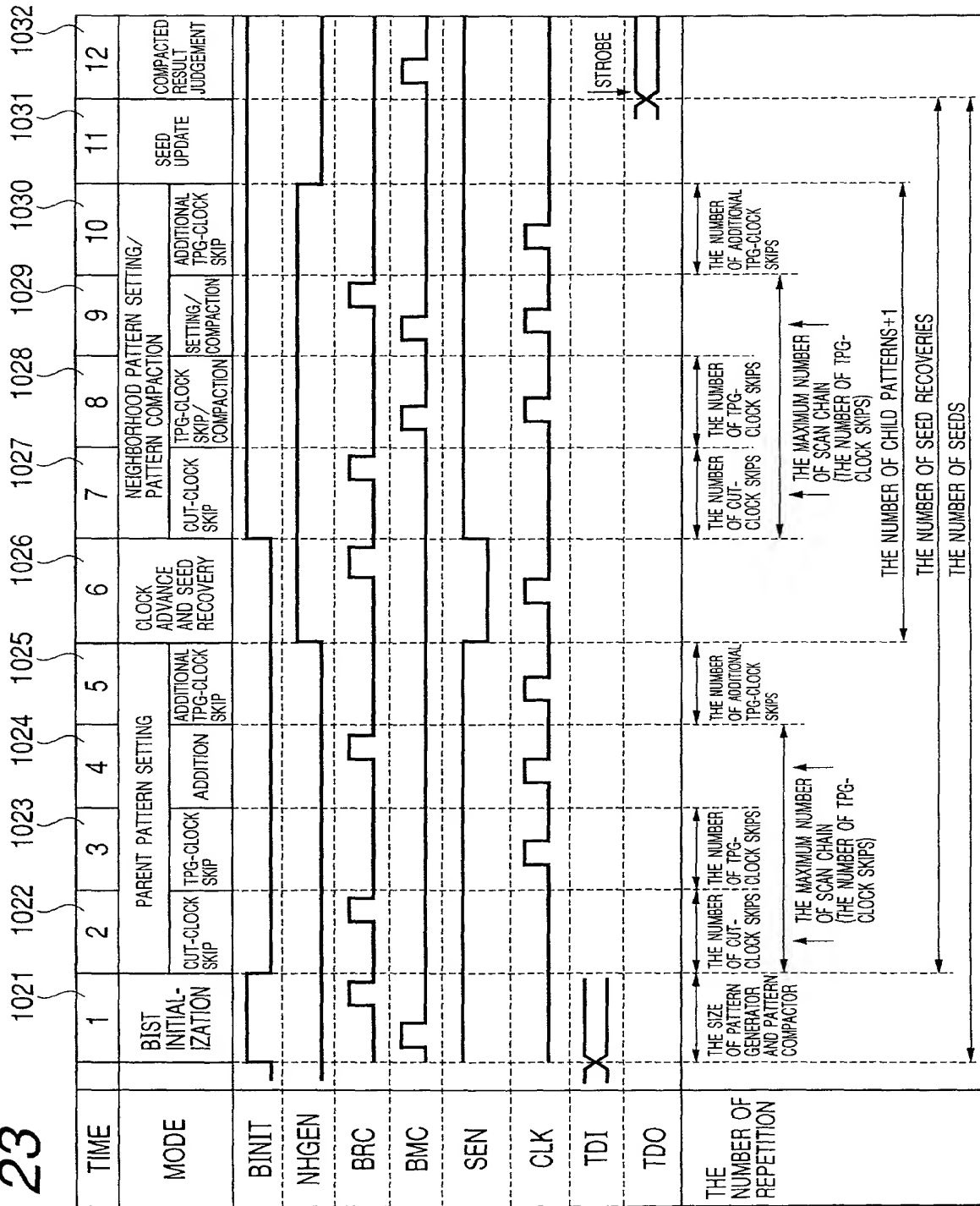


FIG. 24

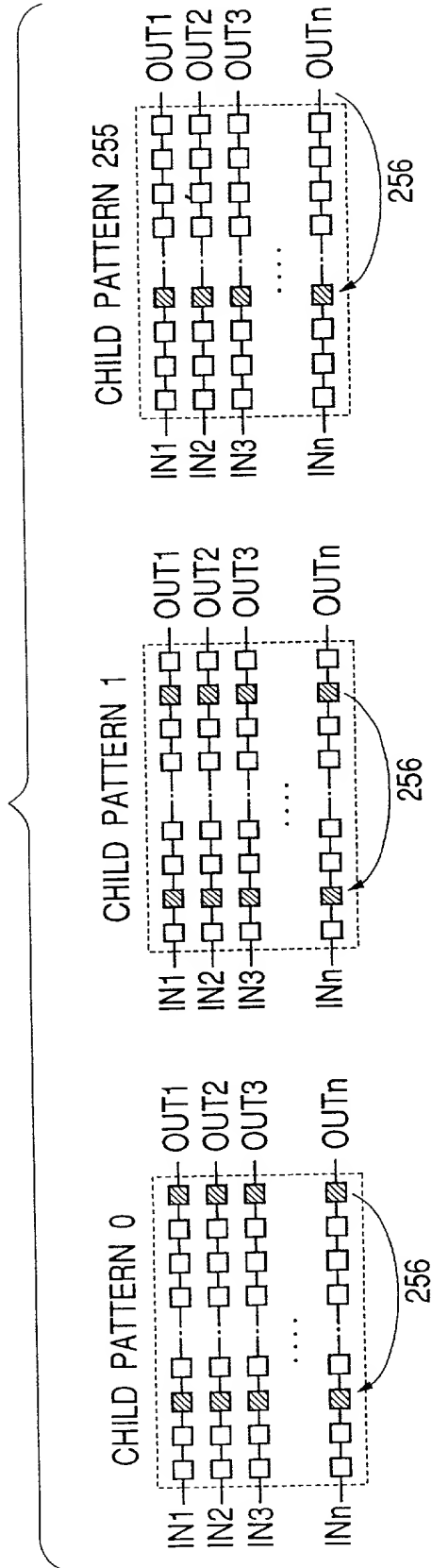


FIG. 25

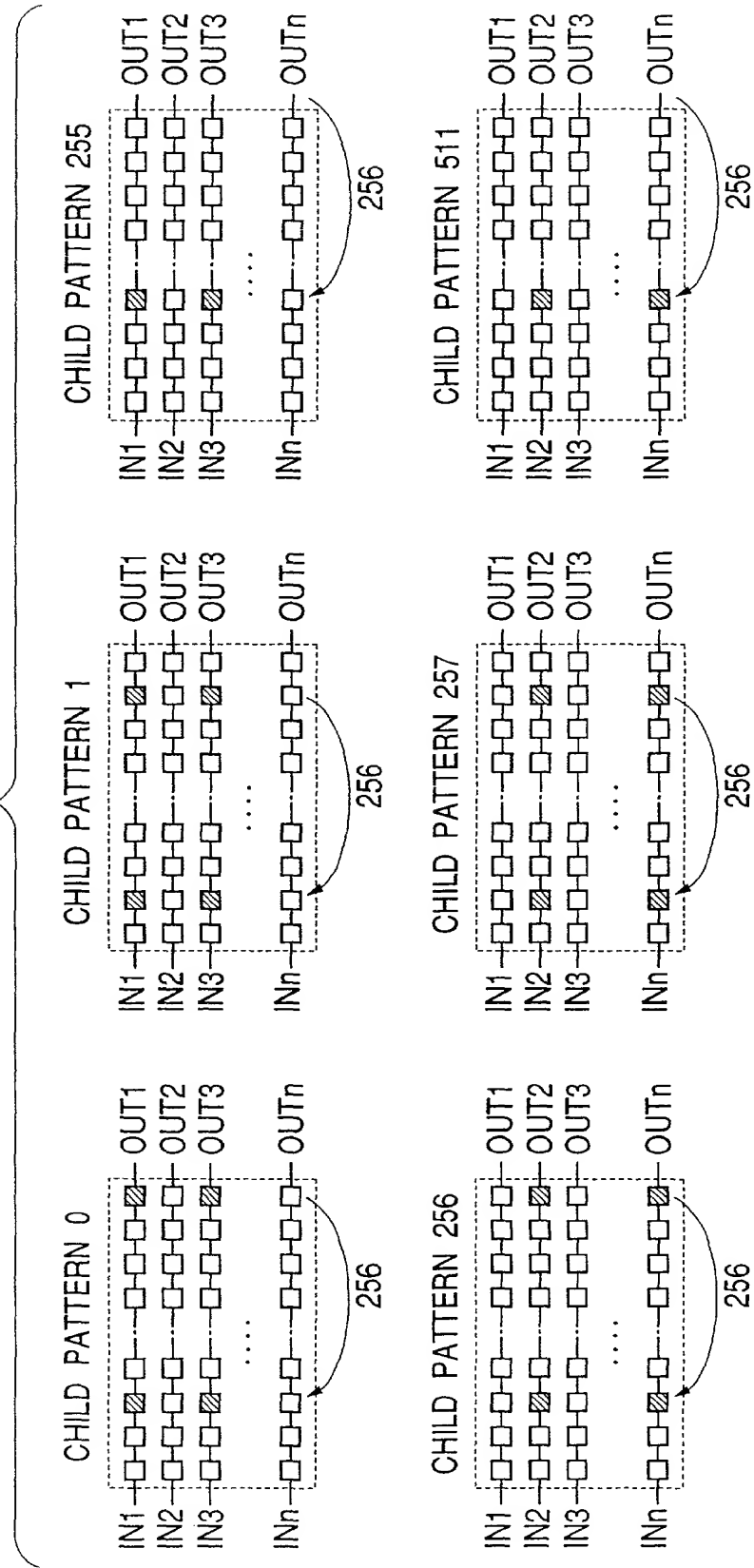


FIG. 26

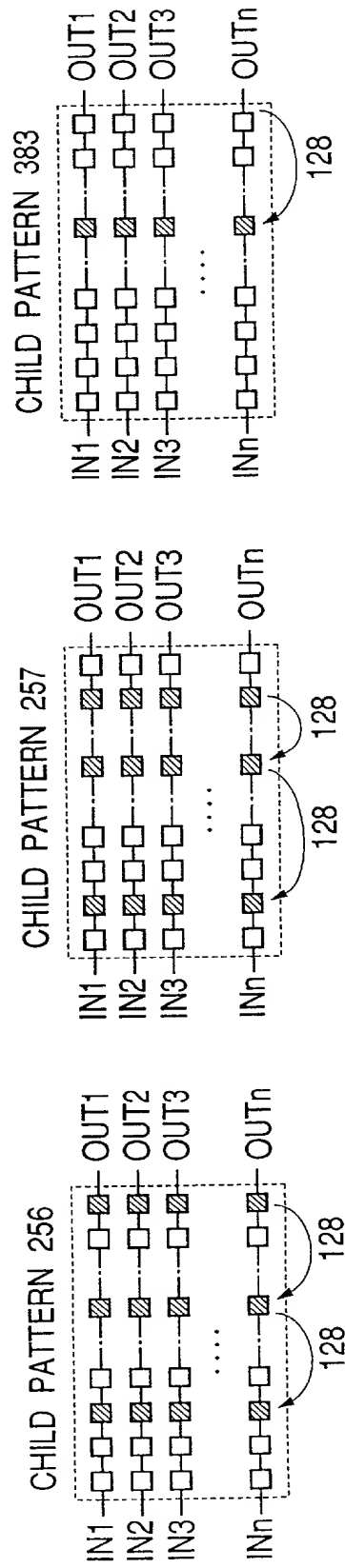


FIG. 27

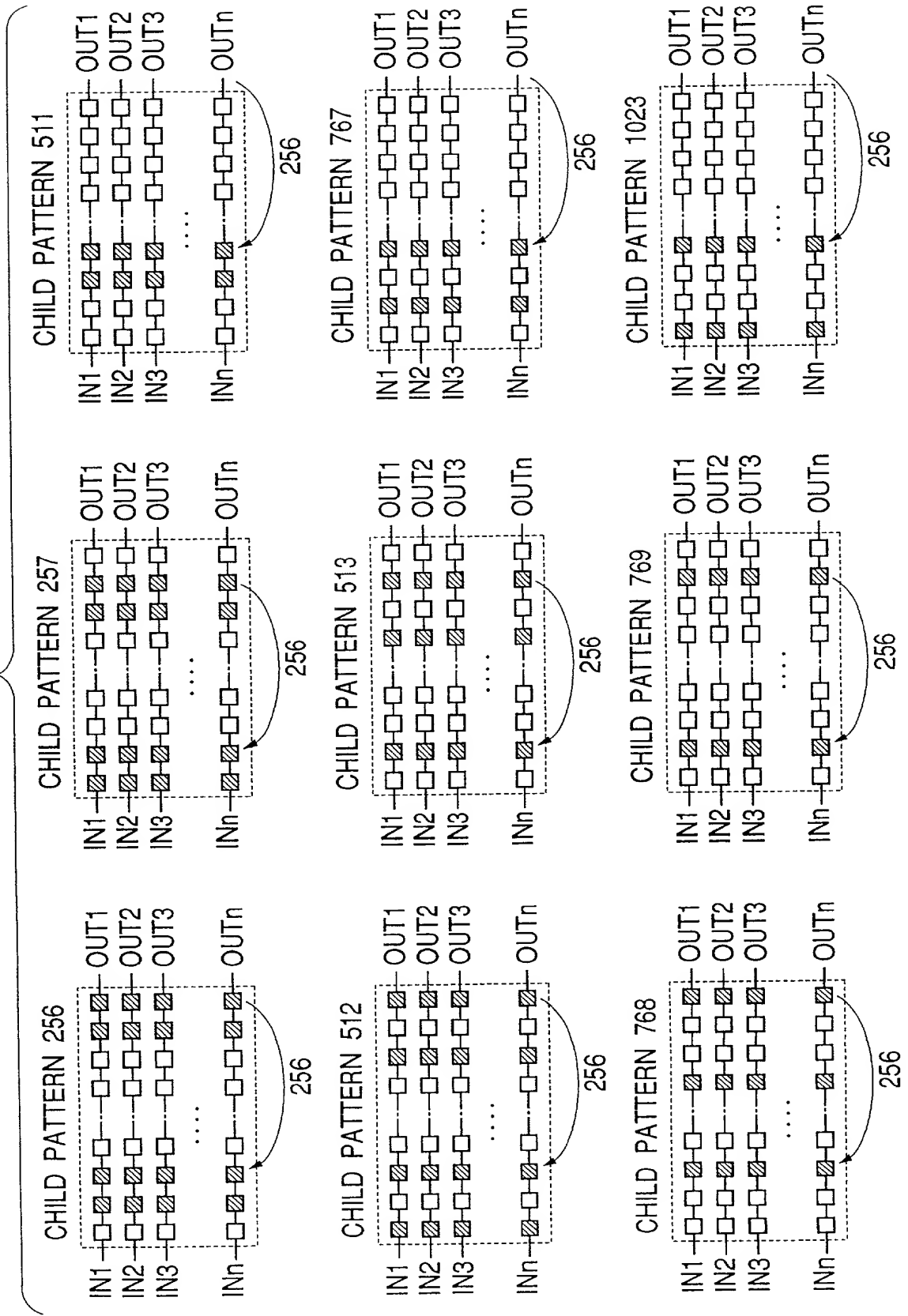


FIG. 28(b)

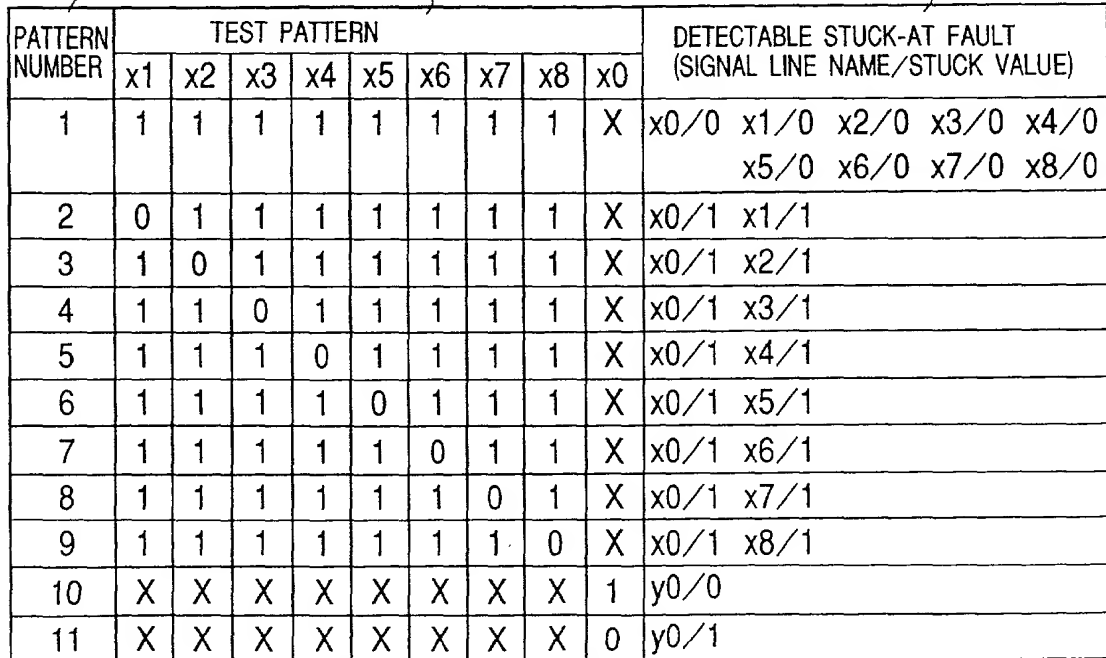


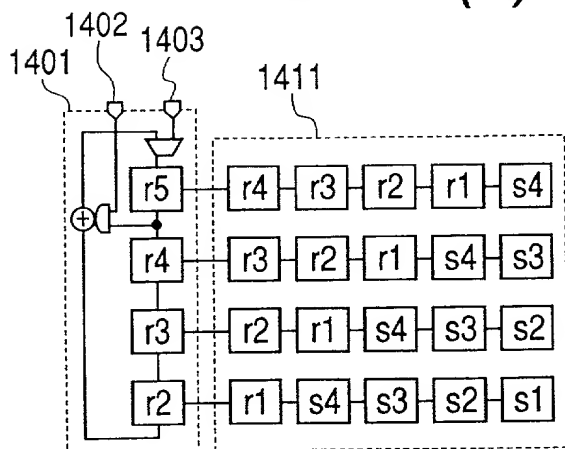
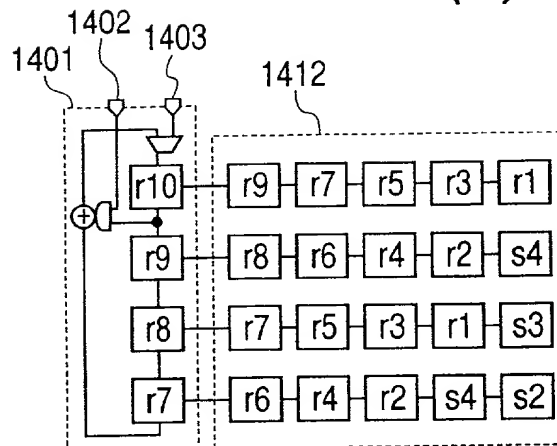
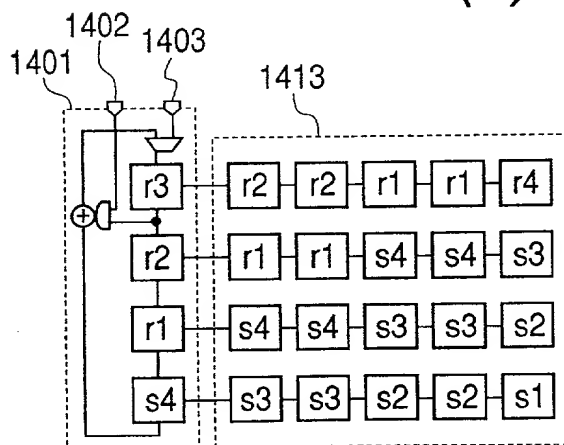
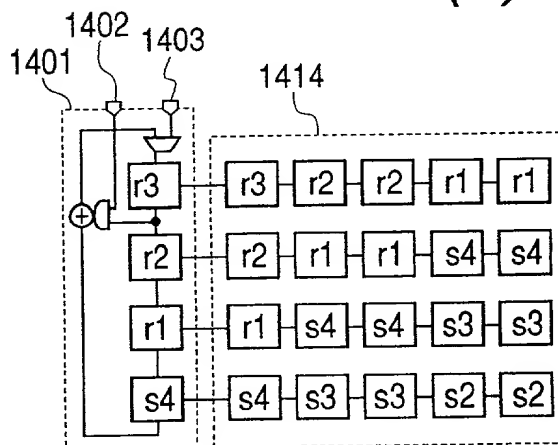
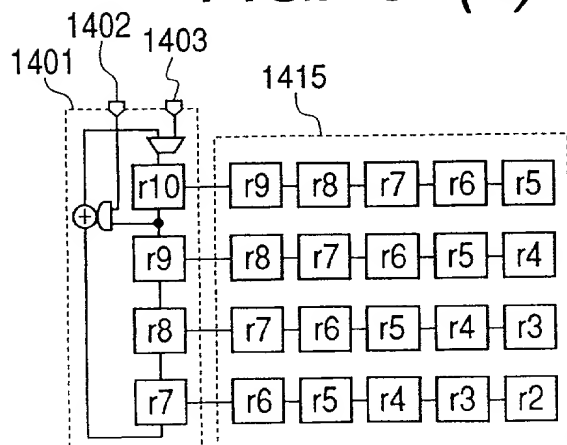
FIG. 31(a)*FIG. 31(b)**FIG. 31(c)**FIG. 31(d)**FIG. 31(e)*

FIG. 32(a)

FIG. 32(b)

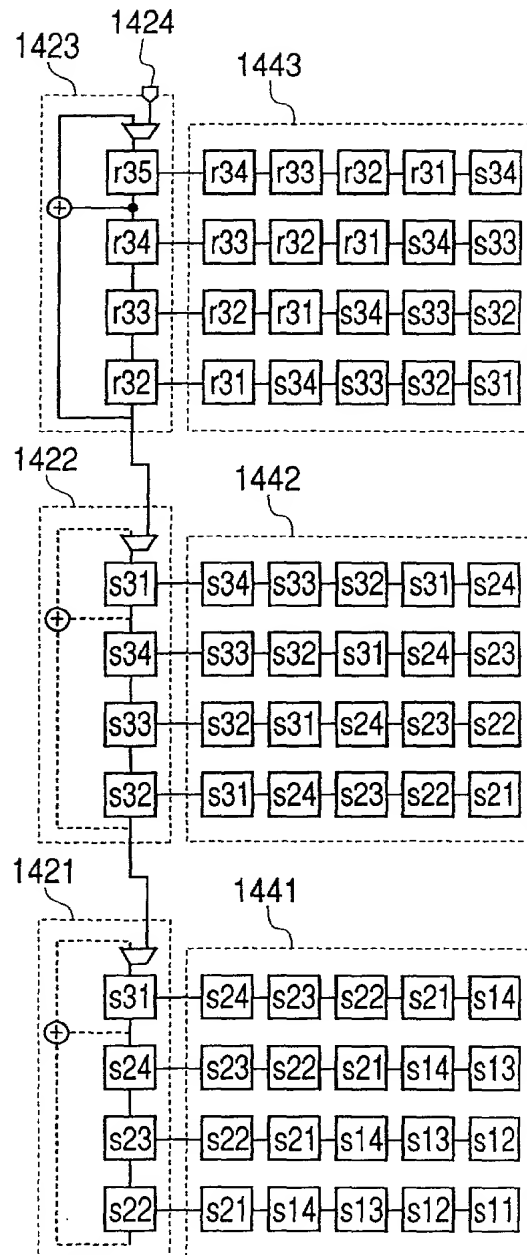
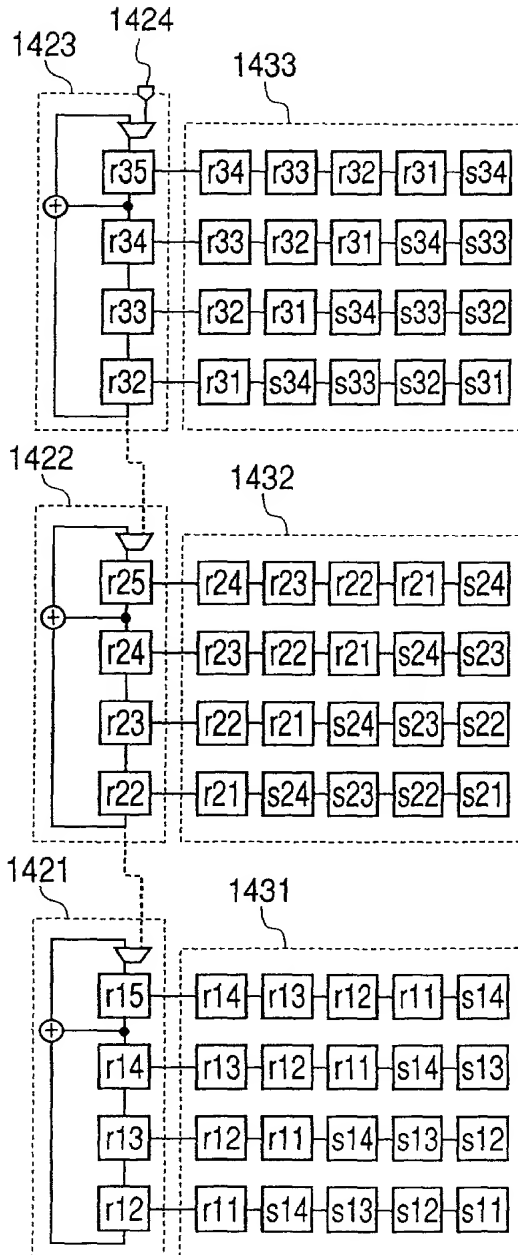


FIG. 33

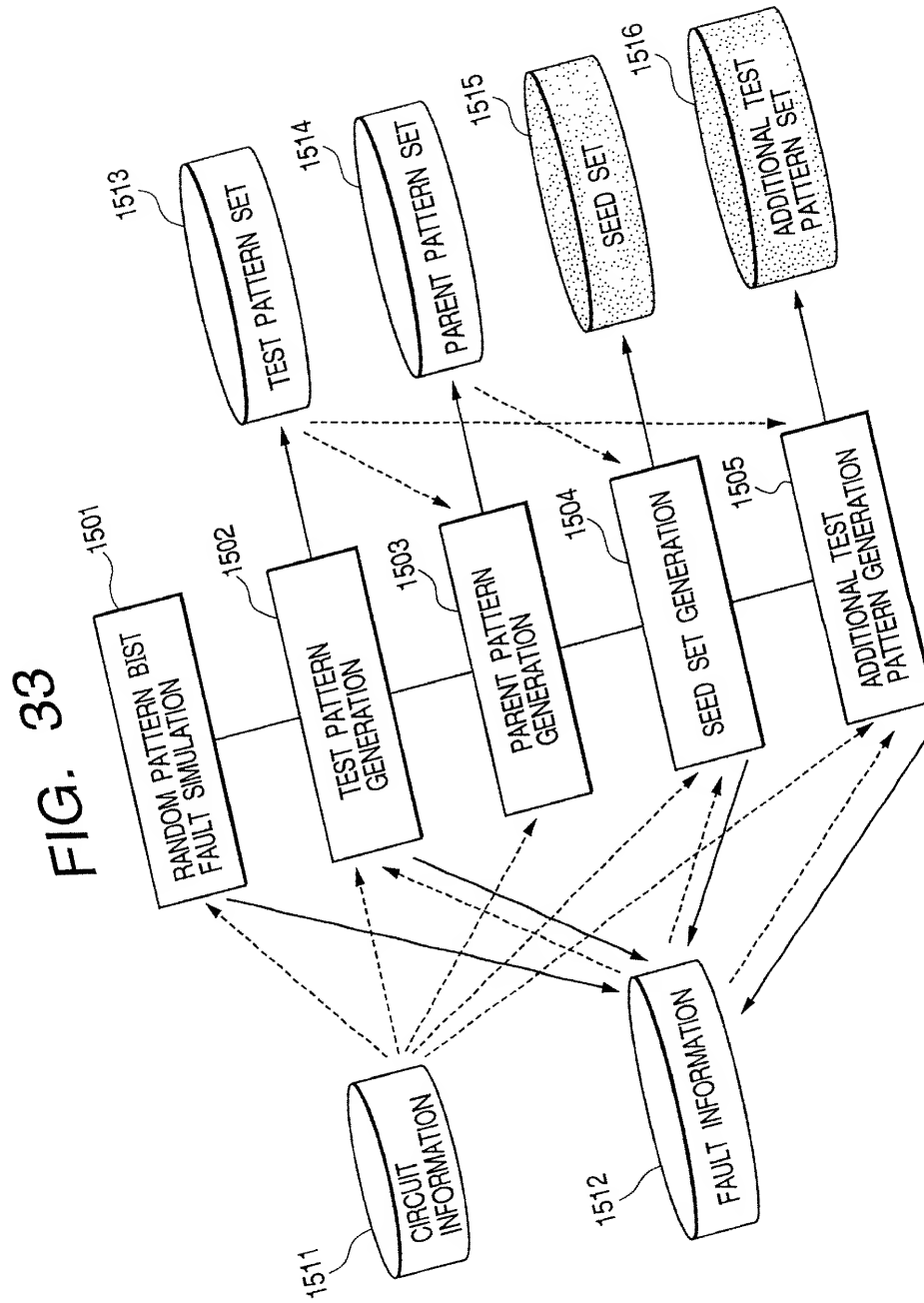


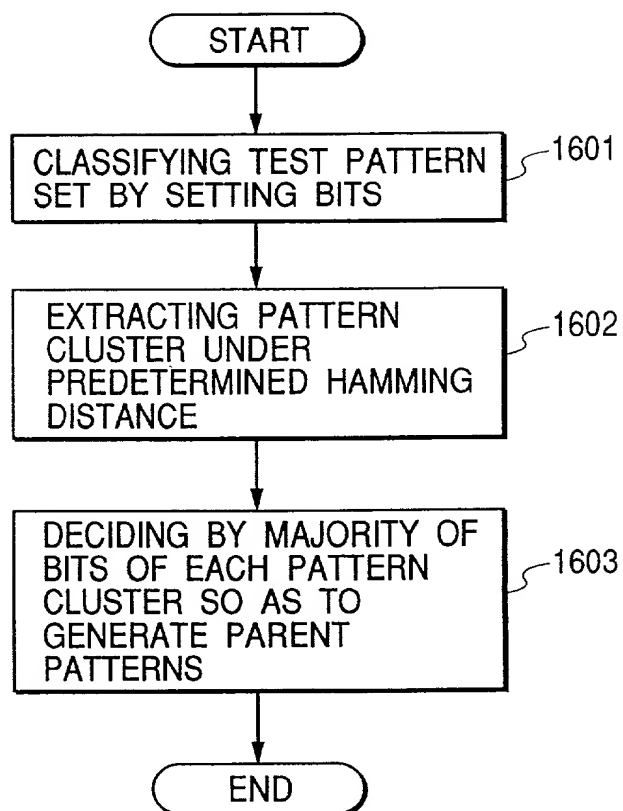
FIG. 34

FIG. 35

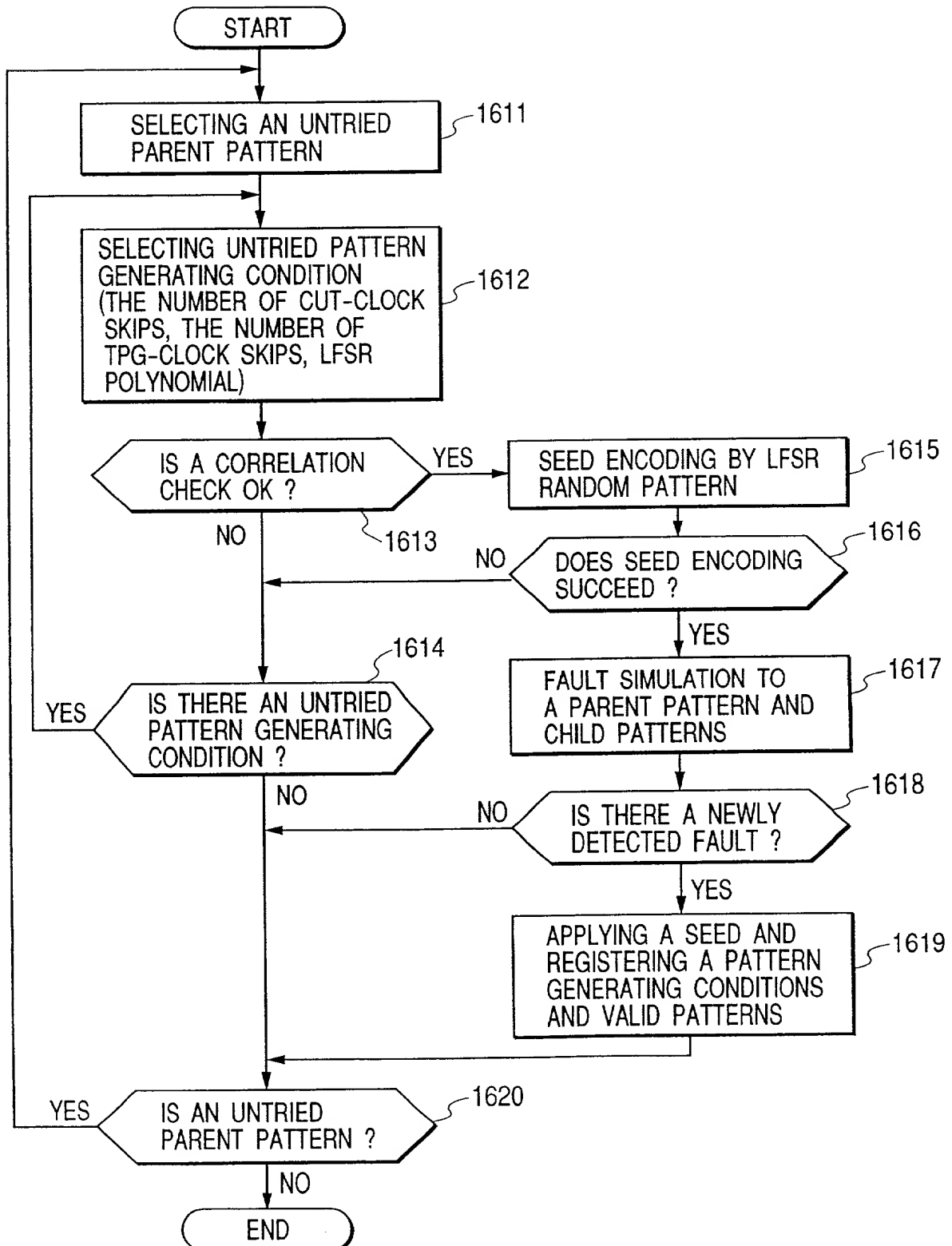


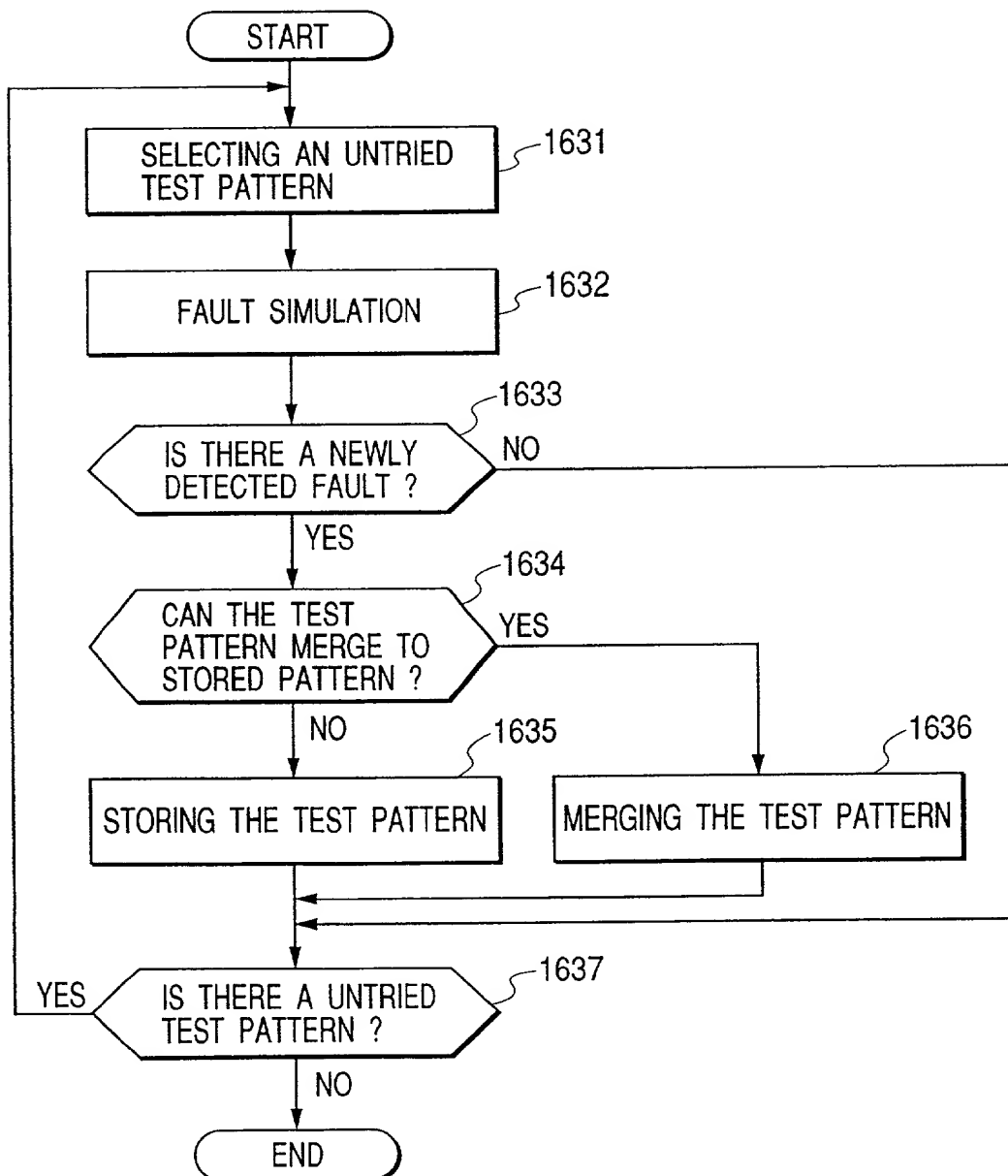
FIG. 36

FIG. 37

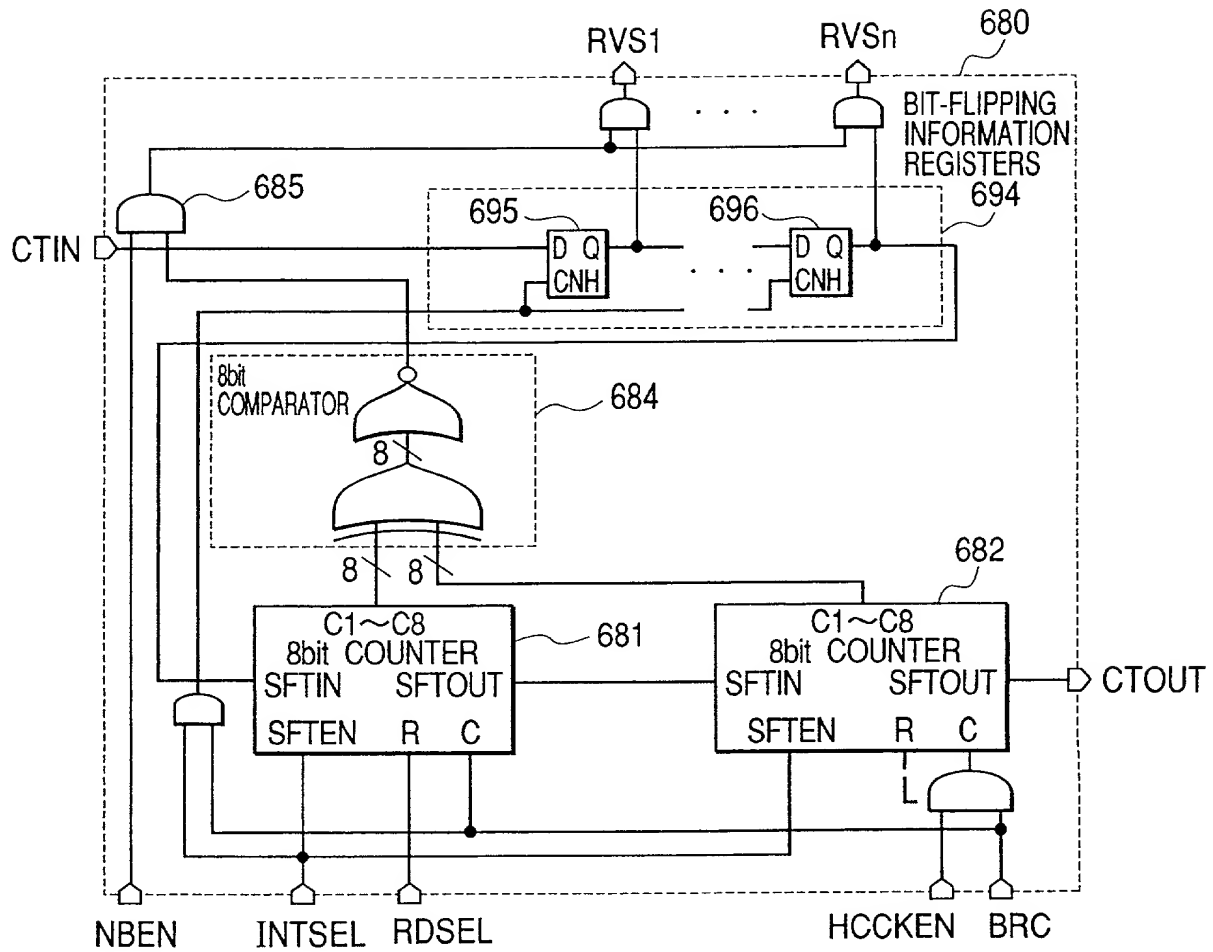


FIG. 38

